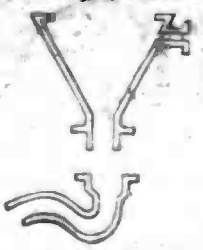
COTTAM AND HALLEN, 2, WINSLEY-STREET, OXFORD-STREET, AND CORNWALL-ROAD, LAMBETH

CLOSET PANS IN CAST-IRON,
From 7s. each.



These Pans cannot be broken by servants attempting to cleanse them when stopped up, as is continually the case with those made in earthenware; they are not liable to be smoked, and with the Elbow Trap are perfect in preventing the smell.

Can be had PLAIN, GALVANISED, or ENAMELLED.
A variety of Patterns.

TO IRONMONGERS, BUILDERS, AND THE TRADE IN GENERAL.
LOW PRICE OF CASTINGS.

RAIN-WATER PIPE	3 in.	4 in.	5 in.	6 in.	6 inch
	2d.	3d.	4d.	5d.	6d. per yard.
EAVES GUTTER, 18-inch					6d. per yard.
SOIL & VENTS					6d. per yard.
BALTIC STOVES, from 25s. per inch.			REGENTA STOVES		5d. per inch.
STOVE METAL					8s. per cwt.
COTTAGE RANGES, from					15s. each.

These Stoves are fitted up in the best manner, and the price they are usually sold at is full thirty-five per cent higher than now quoted.

A LARGE STOCK of BUILDERS' CASTINGS, consisting of every article usually sold in the trade, at PRICES EQUALLY LOW, the above consisting of Pipes of every description; Air Gratings, Bannister and Rail Bars, Panels, Privy Pans, Gratings, and Frames, Pan Tile Lights, Furnace Bars.

COTTAM AND HALLEN, 2, WINSLEY-STREET, OXFORD-STREET, AND CORNWALL-ROAD, LAMBETH

SMOKY CHIMNEYS.

SUTER'S VENTILATING WIND-GUARD,
(Registered 1882),

Is a certain cure for Smoky Chimneys, and will effectually Ventilate Close Rooms or Buildings.

EXHIBITED AT THE GREAT EXHIBITION, 1851.

Price 16s. Made of strong Zinc, to fit 10-inch Chimney Pot, and made to any size or shape, at a small additional charge.

This Guard, from its peculiar construction and novel action, entirely prevents the external air entering the top of the Chimney, and exhausts the air in the Chimney, causing a continuous up draught; thereby perfectly ventilating any rooms or buildings where there is no fire, and effectually preventing the return of Smoke into any room where there is a fire.

TESTIMONIAL.

"City-road, June 3rd, 1882.

"SIR,—Your Ventilating Wind Guards have been amply tested on our premises for the last three months, and they have given us great satisfaction: we consider them a cheap, simple, and effectual remedy.

"(Signed) "S. MORDAN and CO."

A LIBERAL DISCOUNT FOR CASH TO THE TRADE.
Orders to the Proprietor,
ALFRED SUTER, 65, PENCHURCH-STREET, LONDON.

VENTILATION—PURE AIR.

Sherringham's Ventilator, for the

admission of pure air through an

EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 6s. 6d.

These Ventilators are so arranged that the required quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the house is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERIN, sole Manufacturers, 198, Shaftesbury-road, and 117, Union-street, Borough; and of all respectable Ironmongers, Builders, &c.

MOORE'S PATENT MOVEABLE GLASS VENTILATOR.

For Windows, Partitions, Stabling Greenhouses, &c. and for exportation made to any Size and Form, from 10s. and upwards.

The greatest amount of ventilation is obtained without draught, and it can be adjusted to any quantity.

For removing steam from windows, and smoke from rooms, it is most effectual.

List of Prices may be obtained by application.

N.B. A Working Model forwarded by post, upon receipt of 16s. which will be returned upon receipt of Model.

Ventilators on an improved principle for Chimneys, Air-Flues, &c.

MANUFACTORY, 26 and 28, Clerkenwell Close, London.
Church and House Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China.
Number of Church Clocks made by the above Firm, 810;
ditto House Clocks, 13,000.

WARMING by HOT WATER.—J. WEEKS and CO. King's-road, Chelsea.—A great variety of plain and ornamental apparatuses, consisting of Pedestals and Stands of Pipes for warming Churches, Mansions, Warehouses, Offices, Drying rooms, Conservatories, &c. &c.—To be seen in extensive operation on our Premises at Chelsea, and also at Mr. STOCKEN'S extensive carriage repository, Halkin-street, Hyde-park-corner.

HEATING BY HOT WATER.—J. JONES, Iron Merchant, has always a great variety of CONICAL and SADDLE BOILERS in STOCK: also fire and furnace bars, ornamental and plain supply cisterns, double doors and frames, furnace grates, sand doors for the same, hot water pipes, elbows, tees, syphons, throttle valves, stop cocks, flange and socket elbows, &c.; also trough pipes. Drawings and prices of the above, on application to J. JONES, Iron bridge wharf, No. 6, Bankside, London, near the South-west Iron bridge.

CALORIFERE.—Gold Medal, Paris Exhibition, 1878.—A 250-cubic foot room warmed by hot air only, at 60 degrees Fahrenheit, in burning 10 lbs. of coal per hour. The most complete safety against fire, the healthiest and most powerful ventilation too, without any machinery, are obtained by BOILESVE'S PATENT CALORIFERE. The constant supply of fresh air carries out instantaneously, by a new well-improved process, all damp or vitiated air, that makes it very desirable for churches, schools, theatres, hospitals, manufactories, clubs, houses of any size, laundries, and green houses. The Calorifere has been adopted by his Grace the Duke of Bedford at Woburn Abbey, by several architects, and it may be seen in operation in many places in London and country.—Apply, per post, to T. BOILESVE, French Engineer, 167, Fenchurch-street, London.

STEPHENSON and PEILL, 61, Gracechurch-street, London, and 17, New Park-street, Southwark, Manufacturers of COPPER CYLINDRICAL and improved CONICAL IRON BOILERS, and Conservatory and Hot-house Builders, either in wood or iron, respectfully call the attention of the nobility, gentry, and authorities to their simple but effective method of warming horticultural and other buildings by Hot Water. From the extensive works they have executed references of the highest respectability can be given, and full particulars furnished on application.

NEW HOUSES OF PARLIAMENT.—DEFRIES'S GAS STOVES, RANGES, and BATHS, just completed for two kitchens in the above building.—A great variety in stock upon the same principle. Gas Baths from 7l. by which a warm bath may be obtained for three-halfpence. Gas Cooking and Heating Stoves for all classes, from 1l. Defries's celebrated Dry Gas Meters, also in use. Testimonials at the office, 145, Houndsditch. Manufactories removed from Hampstead-road and St. Martin's-lane to more extensive premises, New-road, near Albany-street.

NAILS and IRONMONGERY, from BIRMINGHAM direct.
Builders, Contractors, and Others, supplied with Nails, Iron, and Ironmongery of every description, at the
LOWEST BIRMINGHAM PRICES.
a complete LIST of which will be forwarded upon application.
FREDERICK BLYTH,
Nail Manufacturer and General Factor,
Edmund-street, BIRMINGHAM;
or, at 14, Gresham-street, LONDON.

BUILDERS, Contractors, Carpenters, and others are invited to inspect the stock of NAILS, TOOLS, BRASS, AND GENERAL IRONMONGERY at PEILL and STEDALL'S,
Nos. 5 and 6, BROAD-STREET, BLOOMSBURY.
The prices will be found the lowest, and the stock one of the largest in the trade. A price list sent on application.

PATENT WROUGHT NAILS.—These NAILS are submitted to the notice of Builders, Contractors, and Ship-builders, as being superior to any others, and cheaper. They have the toughness of the best hand-made nails, with far greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used: being perfectly chisel-pointed, they require no boring, and will drive into the hardest wood without splitting it and their heads, being very strong, do not fly off. The patent wrought nails may be had of all ironmongers. A stock of them is kept at the warehouses of the agents, HIGGS and GEORGE, Wholesale Ironmongers, 179, Borough, London.

CAST-IRON PIPE and GUTTER.

Rain-Water Pipe...	2d.	1½d.	12d. per yard.
	3	2½	3 inches.
Half-round Gutter	7d.	7½.	9½d. per yard.
	3½	4	4½ inches.
OG. Gutter		11d.	13½ per yard.
		6	4½ inches.

C. and J. P. GARNER, 77, Queen-street, Cheapside.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.
JOHN DALE, 18 and 19, Chiswell-street, Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of iron-mongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.

Elliptic Stoves, double backs, 30d. per inch, and upwards.
Register Stoves, 4½d. 5d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—
5 ft., 2l. 10s.; 3 ft. 4 in., 2l. 2s.; 4 ft., 2l. 15s.
3-feet Cottage Ranges with ovens and back boilers, 1l. each.
3-feet self-acting ditto, ditto, 30s. each.
Air Bricks, 2s. 3d. per doz.
1-inch Cut Lath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp.					
1½	1¾	2	2½	3 inch and larger.
14s. 6d.	16s.	12s.	12s. 6d.	12s. per cwt.

Best Street Floor Brads, 11s. 6d. per cwt.
Best Town Glue, 30s. Ditto, Scotch, 52s. per cwt.
Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 189, Shoreditch.
Improved Self-acting Cottage Ranges, { 20 | 25 | 30 | 36 inch.
with Large Oven and Boiler ..... { 22s. | 30s. | 32s. | 34s.
Best Self-acting Ranges, with Oven and Back Boiler, Bright Wrought Bars ... { 24 | 30 | 36 | 42 inch. 34s. | 36s. | 42s. | 47s.
Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 3½d.
Register Stoves, with Solid Bars, per inch, 5d. Best Solar ditto with Fire Brick Back, per inch, 10d.
Bright Stoves, with Two Fires, 25s. to 100s. each.
Cast Rain-water Pipe { 2 | 3 | 4 inch.
6d. | 10d. | 1s. per yard.
Cast Gutters—4 inch, 9d. per yard.
O. G. Gutters ..... { 4½ inch.
11d. 1s. per yard.
Best Cut Clasp { 1½ | 1¾ | 2 | 2½ | 3 inch.
and Rose { 14s. 6d. | 16s. | 12s. 6d. | 12s. 6d. | 12s. per cwt.
Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 12s. 6d. Cast Lath, 9s. 6d.
Patent Line { 3 | 3 | 4 | 5 | 6
4½d. | 5d. | 7d. | 9d. | 1s. per knot.
6-inch 3-Bolt Rd. Ward Mortise, with best Furniture and Patent Spindles, 2s. each. Light Elliptic and Register Metal, 12s. per cwt.
Dr. Arnott's Ventilators, 4s. 6d. each.
An extensive stock of bar, rod, hoop, and sheet iron.
Clark and Hunt's Improved Glass Paper.

AUSTIN'S IMPERIAL PATENT SASH and BLIND LINE, can be obtained of all HOPEMAKERS, IRONMONGERS, FACTORS AND WHOLESALE HOUSES IN TOWN OR COUNTRY.

18, CHARLES-STREET, HAMPSTEAD-ROAD.
G. H. COTTAM, JUN. AND CO.

REGISTERED PRIZE ENAMELLED MANGERS and Stable Fittings of every description. Rain Water Pipes, Gutters, Pumps, and all Castings required for buildings and other purposes. Delivered free to any railway station in London.

BUILDINGS HEATED BY HOT WATER.
Price list gratis. Catalogues for four postage stamps.
18, CHARLES-STREET, HAMPSTEAD-ROAD
G. H. COTTAM, JUN. AND CO.

PRIZE MEDAL of the Great Exhibition to HART and SON, MANUFACTURING IRONMONGERS, for the excellence of their DOOR FURNITURE and FINGER PLATES.
HART and SON invite the attention of Architects, Builders, and others, to the superior quality of their DOOR FURNITURE in PLAIN and DECORATED CHINA, CRYSTAL, AMBER, and OPAL GLASS, EBONY, MAPLE, BUFFALO HORN, &c. &c., and to the advantages resulting from the use of it, being mounted with PITT'S PATENT SELF-ADJUSTING SPINDLES, applicable to doors of any thickness without alteration.
HART and SON also invite attention to their stock of LOCKS, Mortice, Rim, Cabinet, &c., BRASS FOUNDRY and BELL-HANGING materials and GENERAL IRONMONGERY, and especially to their DR. ARNOTT'S VENTILATING CHIMNEY VALVES, to the manufacture of which they give particular attention. They have in stock a great variety of sizes and styles of finish, the prices of which may be obtained on application at their MANUFACTORY, 63, 64, and 65, WITCH-STREET, STRAND.

GEORGE HART, 253, Strand, Near Temple bar,
Solicits the attention of builders and others to his extensive stock of
GENERAL IRONMONGERY,
which for quality and lowness of price cannot be surpassed; also to his stock of
PITT'S PATENT DOOR FURNITURE,
for which he, in connection with the late firm of Hart and Son, obtained a
PRIZE MEDAL
at the late Great Exhibition. His reduced price list may now be had post free on application.
GEORGE HART, in soliciting the patronage of his friends and the public, assures them that they will find all articles of the best quality and at such prices that will insure the favour of continued commands.—HART'S, 253, Strand.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempts to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.
CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c. is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.
CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c. made entirely of strong wrought-iron, so as effectually to resist the falling of brickwork, timber, &c. in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.
CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.
CHUBB and SON, 57, St. Paul's Churchyard, London.

GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value have been preserved uninjured by "LEADBEATER'S PATENT FIRE PROOF SAFES." LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF DOOR SAFES, CHESTS, and DOORS, for Strong Rooms, Plate Closets, and Party-walls, &c. of best make, and possessing all the most recent improvements, are the best depositories for property of every description in the world: entire strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes.
A large assortment on hand at LEADBEATER'S MANUFACTORY, 139, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.
LEADBEATER, many years Manufacturer for Chubb.

A PRIZE MEDAL for SUPERIOR LOCKS was awarded to J. H. BOOBBYER at the Great Exhibition of 1851, who invites the attention of Builders, &c. to his Stock of Ironmongery, Brass Foundry, Nails (wrought and cut), Copper, and Zinc; Patent Locks of all descriptions; China, Glass, and Wood Furniture of all kinds, with Patent Shifting Spindles, Dr. Arnott's Ventilator, 4s. 6d.; and the new registered Venetian Ventilator, so much admired, &c. &c. &c. each.
J. H. BOOBBYER, late STURCH and BOOBBYER, established nearly 100 years, for the supply of Goods from the best Manufactories, at the lowest prices.
14, Stanhope-street, Clare-market, London.

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